Assignment-4

Ans-1-

```
#include <stdio.h>
#include <conio.h>
int main( )
{
    printf ("Hello Students");
    getch( );
}
```

Ans-2

```
#include<stdio.h>
#include<conio.h>
int main ( )
{
    printf("Hello\n Students"); printf("Hello \n Students");
    getch( );
}
```

Ans-3

```
#include <stdio.h>
#include <conio.h>
int main( )
{
    printf ("Teacher's Day");
    getch( );
}
```

Ans-5.
```
#include <stdio.h>
#include <conio.h>
int main()
{
  printf("\n");      // newline = \n
}
```

Ans-6.
```
#include <stdio.h>
#include <conio.h>
int main()
{
   int a = 5;
   printf("a = %d", a); // %d = format specifier
    getch();
   }
```

Ans-7
```
#include <stdio.h>
#include <conio.h>
int main()
{
   int a = 5;
   char m = 'A';
    float f = 5.6f;
printf("a = %d  b = %c  k = %f", a, m, f);
 getch();
}
```

Ans-8 %i = a decimal integer
%g = print short value after decimal
%lf = print double value.

Ans-9.
```
#include<stdio.h>
int main()
{
    char c1 = 'A';
    printf("x = %c\n", c1);
    char c2 = 65;
    printf("y = %c", c2);
}
```

Ans-10 An easy method of converting decimal to binary number equivalents is to write down the decimal number and continually divide by 2 to give a result and a remainder of either a 1 or a 0 until the final result equals zero.